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BUREAU OF LAND MANAGEMENT MONTHLY ALERT

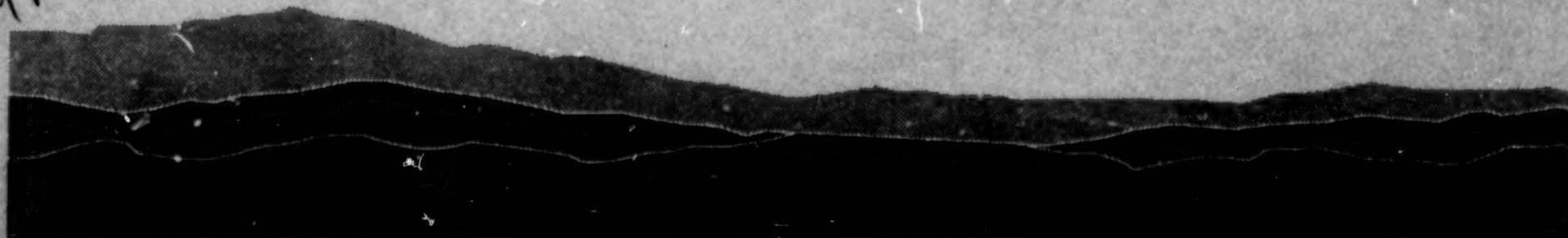
CONTIN

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Forestry Topics

1. **Forests and Forestry**
General treatments of the subject; forestry and society; topical issues; education; agency annual reports.
2. **Forest Operations**
 - a. **Silviculture:** silvicultural systems; economics; stand improvement; measurement; operations management; natural and artificial regeneration, genetics.
 - b. **Engineering:** road construction; protective works; logging; equipment.
3. **Forest Injury and Protection**
Insect damage and control; pesticide applications; insect and disease surveys; forest pathology.
4. **Fire Management**
All aspects, including suppression, prevention education, behavior; fire weather.
5. **Watershed Management, with Soil and Site Factors**
Hydrology; runoff; sedimentation; erosion; climatology; meteorology; habitat regions; precipitation.

6. Range and Wildlife Management

7. Forest Recreation

8. **Forest Products Research**
Wood technology and utilization; markets and marketing; forest products industries.

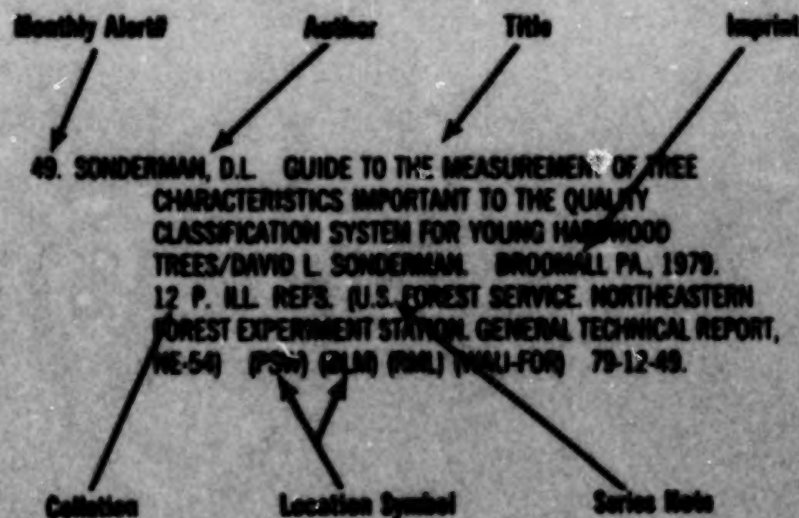
Allied Topics

9. **Life Sciences**
Plant and animal ecology; botany; environmental quality; biochemistry; zoology; physiology; animal genetics.
10. **Computer Science, Statistics and Mathematics**
11. **Social Sciences**
Environmental policy; regional planning; landscape analysis and planning; behavioral psychology; personnel management; office procedure and management.
12. **Other Topics**

The Species Index and the Subject Index on the following pages identify

individual citations by narrower, specific topics, e.g., management treatments, problem areas, and geographic locations.

Sample Monthly Alert Citation:



The citations listed in this Alert are arranged in broad topical categories. This permits browsing by subject interest.

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BLM-ALERT!

Note that there is no Management Alert section this month. The next appearance will be in the September Alert issue.

010. FORESTRY--GENERAL

1. Ellis, D.J.; Force, J.E. National forest planning and the National Forest Management Act of 1976 : an annotated bibliography, 1976-1986. Bethesda, MD: Society of American Foresters; 1988: 97 p. (SAF publication; 87.11).
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012. FORESTRY--METHODOLOGY

3. Fields, D.E.; Miller, C.W. A methodology for deriving model input parameters from a set of environmental data. Ecological modelling; Vol. 40, nos. 3/4 (March 1988): p. 155-159.
4. Gregoire, T.G.; Reynolds, M.R. Accuracy testing and estimation alternatives. Forest science; Vol. 34, no. 2 (June 1988): p. 302-320.
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16. Rosenthal, D.H. The necessity for substitute prices in recreation demand analyses. American journal of agricultural economics; Vol. 69, no. 4 (Nov. 1987): p. [828]-837.

030. FOREST ENGINEERING

18. Greene, W.D.; Fridley, J.L.; Lanford, R.L. Operator variability in interactive simulations of feller-bunchers. Transactions of the ASAE; Vol. 30, no. 4 (July/Aug. 1987): p. 918-921, 931.
19. Hassler, C.C.; Disney, R.L.; Sinclair, S.A. A discrete state, continuous parameter Markov process approach to timber harvesting systems analysis. Forest science; Vol. 34, no. 2 (June 1988): p. 276-291.

040. FOREST MEASUREMENT

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42. Murphy, P.A.; Farrar, R.M. Tree height characterization in uneven-aged forest stands. Forest growth modelling and prediction : proceedings of the IUFRO Conference, August 23-27, 1987, Minneapolis, MN. St. Paul, MN: North Central Forest Experiment Station; 1988: p. 118-125. (General technical report NC-120).
43. Nance, W.L.; Grissom, J.E.; Smith, W.R. A new competition index based on weighted and constrained area potentially available. Forest growth modelling and prediction : proceedings of the IUFRO Conference, August 23-27, 1987, Minneapolis, MN. St. Paul, MN: North Central Forest Experiment Station; 1988: p. 134-142. (General technical report NC-120).
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050. SILVICULTURE

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051. ARTIFICIAL REGENERATION

59.

Intermountain Forest Nursery Association. Meeting (1987 : Oklahoma City, OK). Meeting the challenge of the nineties : proceedings, Intermountain Forest Nursery Association : August 10-14, 1987, Oklahoma City, OK. Fort Collins, CO: USDA Forest Service, Rocky Mountain Forest and Range Experiment Station; 1987: iii, 138 p. (General technical report RM-151).

61. Campbell, R.; Adams, W.T. Choice of seed source in southwestern Oregon. FIR report; Vol. 9, no. 4 (Winter 1988): p. 17-19.

63. Ouston, P.W.; Rose, R. Obtaining suitable stocktypes. FIR report; Vol. 9, no. 4 (Winter 1988): p. 19.

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052. SILVICULTURAL METHODS

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060. GENETICS--PLANT BREEDING

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76. McKeand, S.E. Optimum age for family selection for growth in genetic tests of loblolly pine. Forest science; vol. 34, no. 2 (June 1988): p. 400-411.

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073. PLANT PHYSIOLOGY

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 074. ECOLOGY

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 080. PLANT INJURY--PEST CONTROL

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 081. MYCOLOGY--PATHOLOGY

 082. INSECTS

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084. ENVIRONMENTAL INJURY

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090. FOREST FIRES

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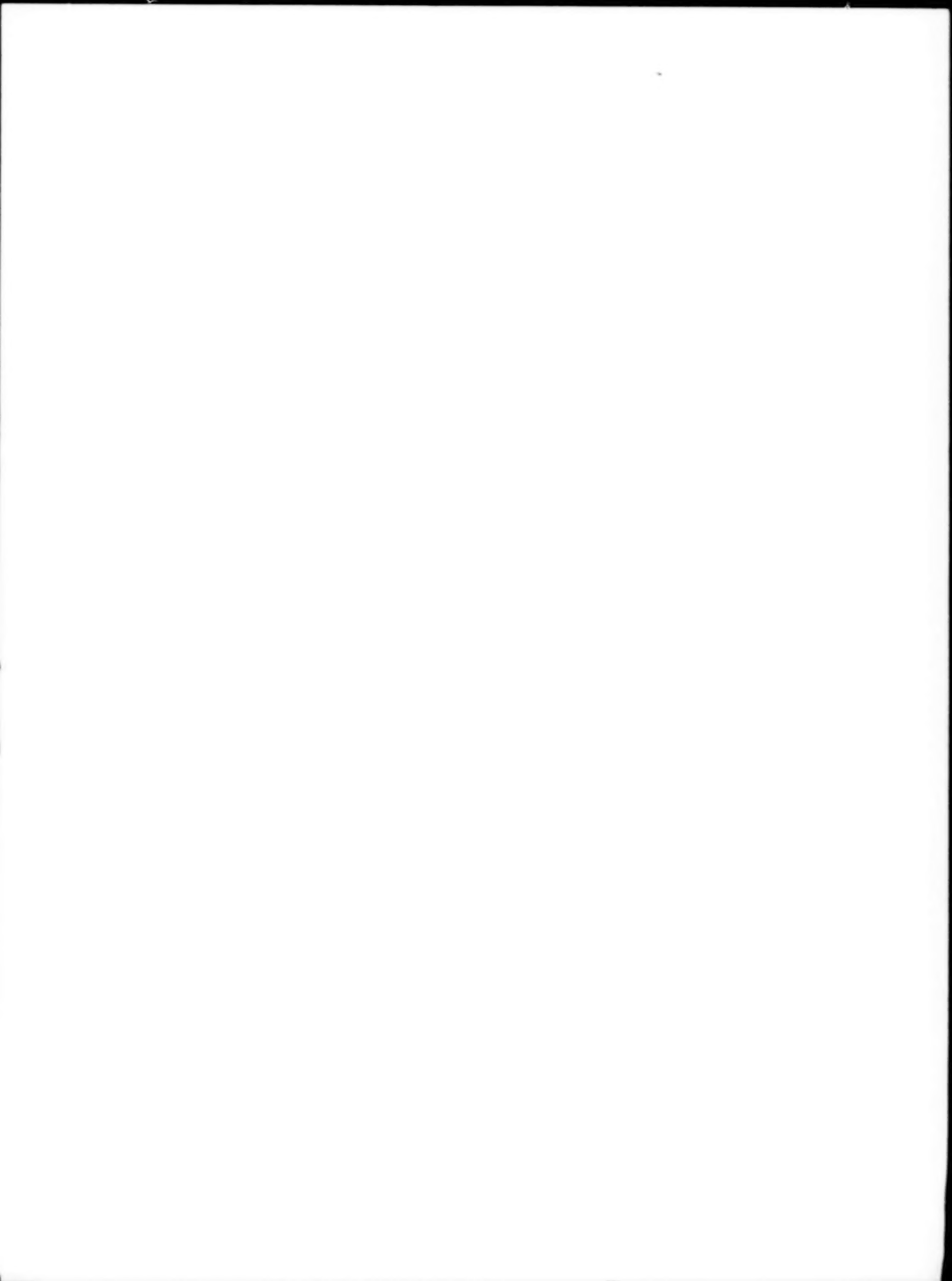
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